

MICHAEL O. SCHEINBERG  
Patent Attorney

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## After Final Response — Please Expedite

# OFFICIAL

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**Date:** July 7, 2004  
**Atty Docket No.:** F064  
**Pages:** 13 Pages (Including this coversheet)

APPL. NO.:	09/765,806	ART UNIT:	2881
APPLICANT:	Robert L. Gerlach	EXAMINER:	Mary A. El-Shammaa
FILING DATE:	January 19, 2001		
TITLE:	Shaped and Low Density Focused Ion Beams		

In connection with the above-identified patent application, applicants submit the following:

1. Response to Office Action (10 pp.)
2. Fee Transmittal (in duplicate) (1 pp.)

Michael O. Scheinberg  
Patent Reg. No.: 36,919

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PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL**  
**for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ 344.00)**Complete if Known**

Application Number	09/765,806
Filing Date	January 19, 2001
First Named Inventor	Robert L. Gerlach
Examiner Name	Mary A. El-Shammaa
Art Unit	2881
Attorney Docket No.	F064

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:

Deposit Account Number	Michael O. Scheinberg
Deposit Account Name	50-1635

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>			<b>(\$)</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent	-20** =	X	
Multiple Dependent	-3** = 4	X 86	= 344

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$ 344.00)

\*\*or number previously paid, if greater. For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity - Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920	1804 920	Requesting publication of SIR prior to Examiner action	
1805 1,840	1805 1,840	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1480 130	1480 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$)**SUBMITTED BY**

Name (Print/Type) Michael O. Scheinberg

Registration No. 36,919

(Complete if applicable)

Telephone (512) 328-9510

Signature

Date July 7, 2004

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PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0851-0032  
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1001	770	2001	985	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
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**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

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Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$)**SUBMITTED BY**

Name (Print/Type)	Michael O. Scheinberg	Registration No. (Attorney/Agent)	36,919	Telephone	(512) 328-9510
Signature		Date	July 7, 2004		

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SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Attorney Docket No.: F064

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPL. NO.: 09/765,806 ART UNIT: 2881  
APPLICANT: Robert L. Gerlach EXAMINER: Mary A. El-Shammaa  
FILING DATE: January 19, 2001  
TITLE: Shaped and Low Density Focused Ion Beams

RESPONSE TO OFFICE ACTION

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P.O. Box 1450  
Alexandria, VA 22313-1450

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In response to the Office Action of April 8, 2004, Applicants respond as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.

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CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. 1.8

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on July 7, 2004

By: Michael D. Scheinberg